

AMENDMENTS TO THE SPECIFICATION

Replace the paragraph at page 23, lines 11-19, with:

For extraction of a membrane fraction from a cell, conventional methods can be used. For example, a target cell is obtained and homogenized in a suitable buffer solution in the presence of various protease inhibitors, or suspended in a cell disruption device such as ~~Polytron~~ POLYTRON™ and the like, or ruptured by a low osmotic pressure shock, or a cell membrane is destroyed by ultrasonication. Thereafter, the cell membrane fractions and organelle membrane fractions are prepared by density gradient centrifugation using various media.

Replace the paragraph at page 25, lines 18-29, with:

While the number of liposomes constituting the library of membrane-embedded liposomes varies depending on the detection limit of analytical means of membrane proteins, the number of kinds of membrane proteins contained in the library, difference in expression levels of membrane proteins and the like, the number of liposomes constituting the library is preferably not less than about 10^5 (e.g., not less than about ~~10^{76}~~ 10^6 or not less than about 10^7), more preferably not less than about 10^8 (e.g., not less than about 10^9 , not less than about 10^{10} or not less than about 10^{11}) and more preferably not less than about 10^{12} (e.g., not less than about 10^{13} , not less than about 10^{14} , or not less than about 10^{15}).

Replace the paragraph at page 39, lines 24-31, with:

Because U937 is a cell line derived from human monocyte, and expresses a urokinase receptor at high concentration by phorbol ester (PMA) stimulation, it was used as a sample for separation of a membrane fraction. After washing, the cells were ruptured by ~~Polytron~~ POLYTRON™ under ice-cooling for 2-5 sec \times 3 times at 1 min intervals, and the membrane fraction was accumulated on the interface by 40% sucrose density gradient centrifugation (95,000 g \times 60 min) (Fig. 5).